

Fig. 1

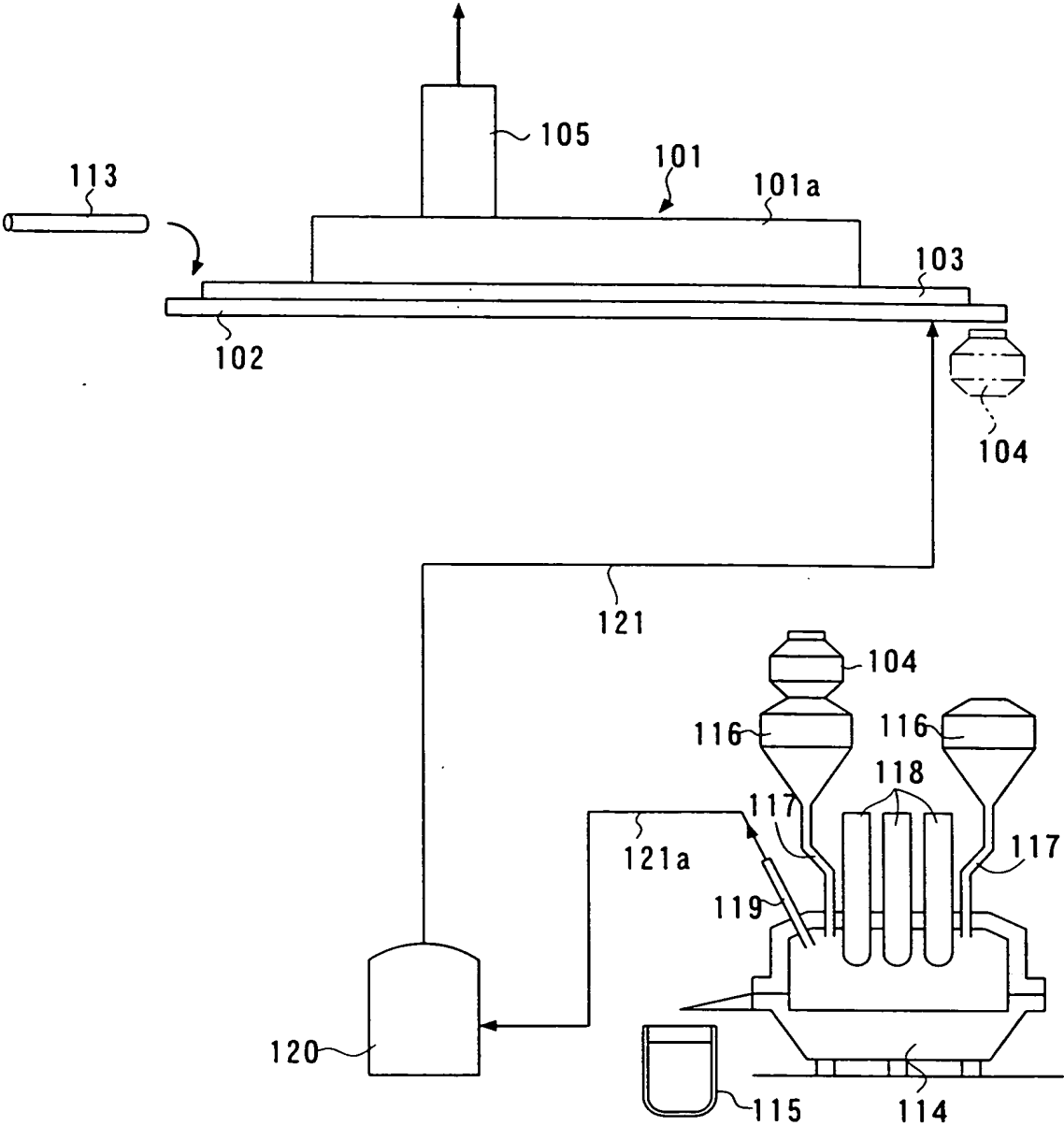
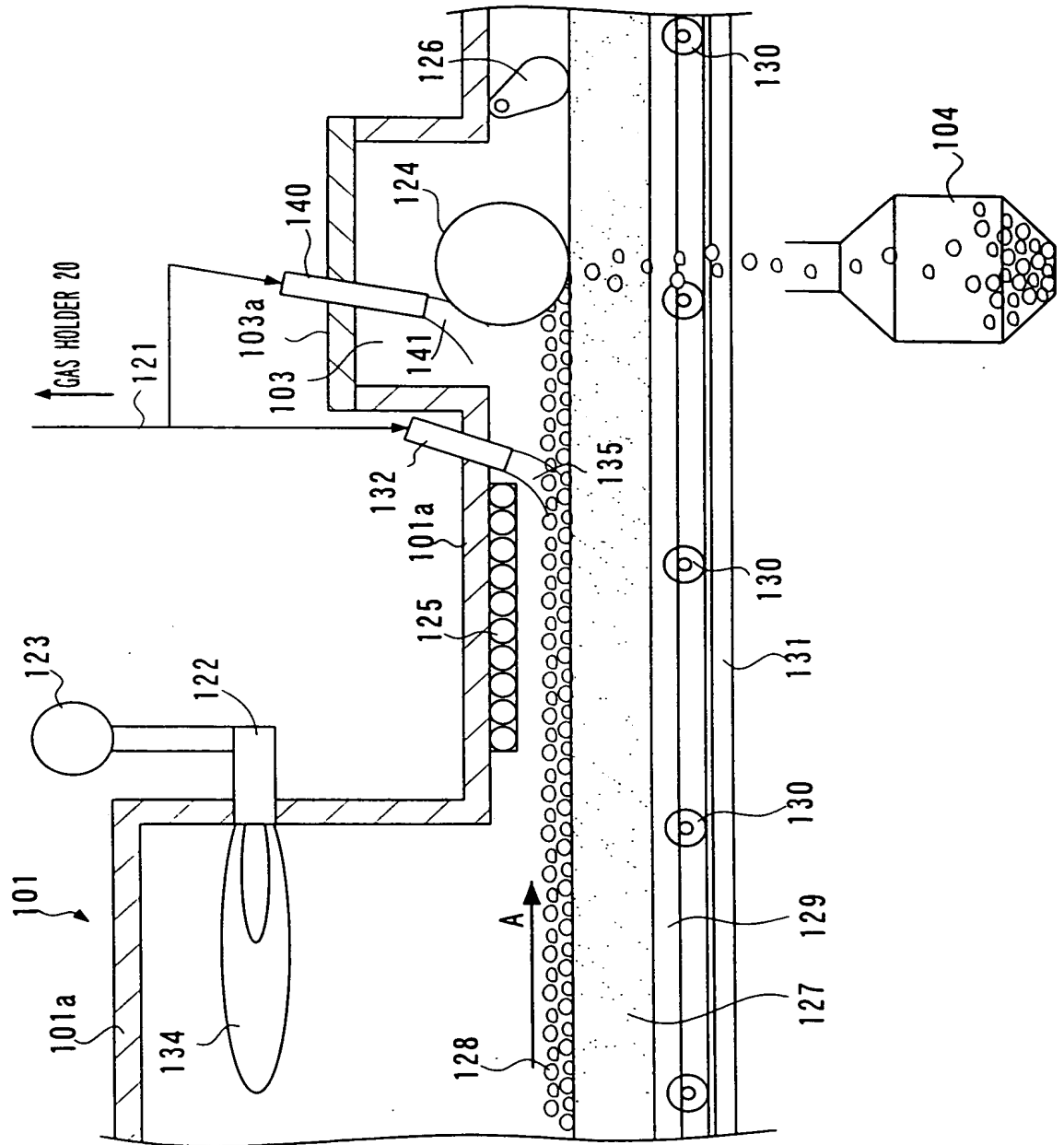


FIG. 1

[illegible]



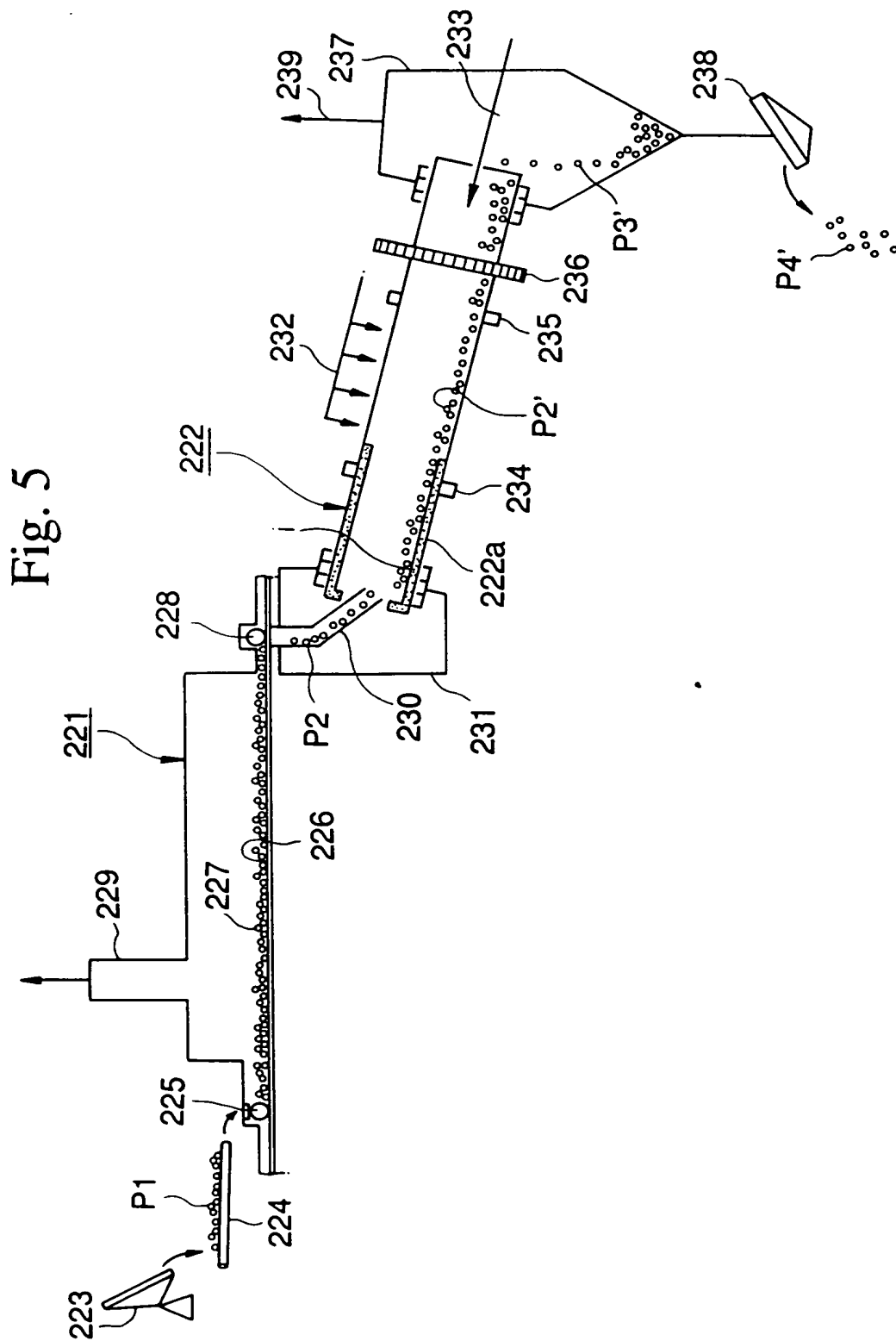


Fig. 5

Fig. 6

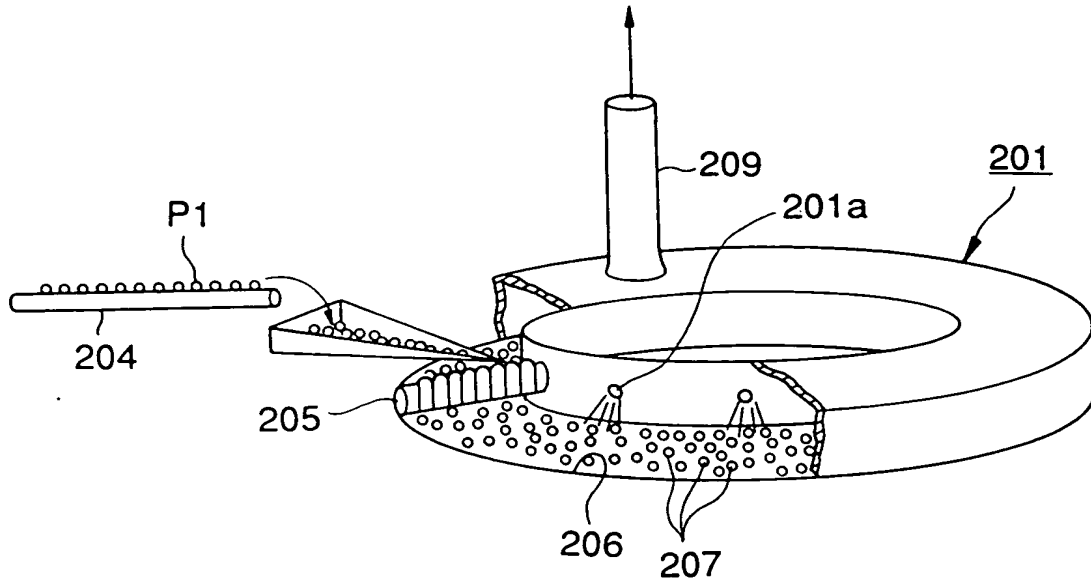
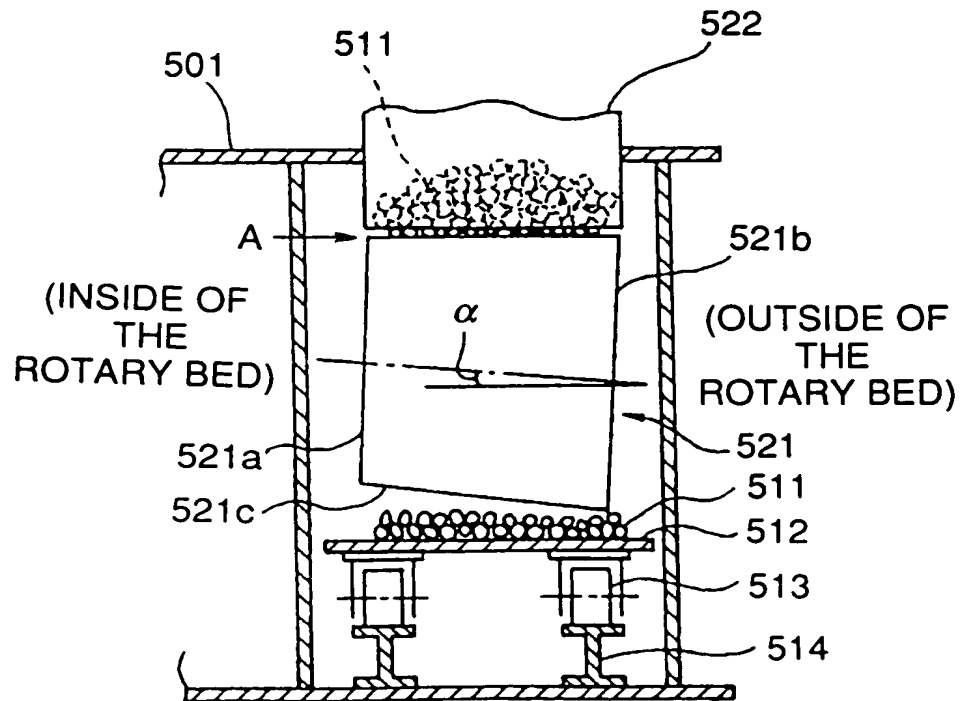


Fig. 14



0946280.050401

Fig. 7

307 306 308

309

310

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300

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322a

324

302

312

301

303

304

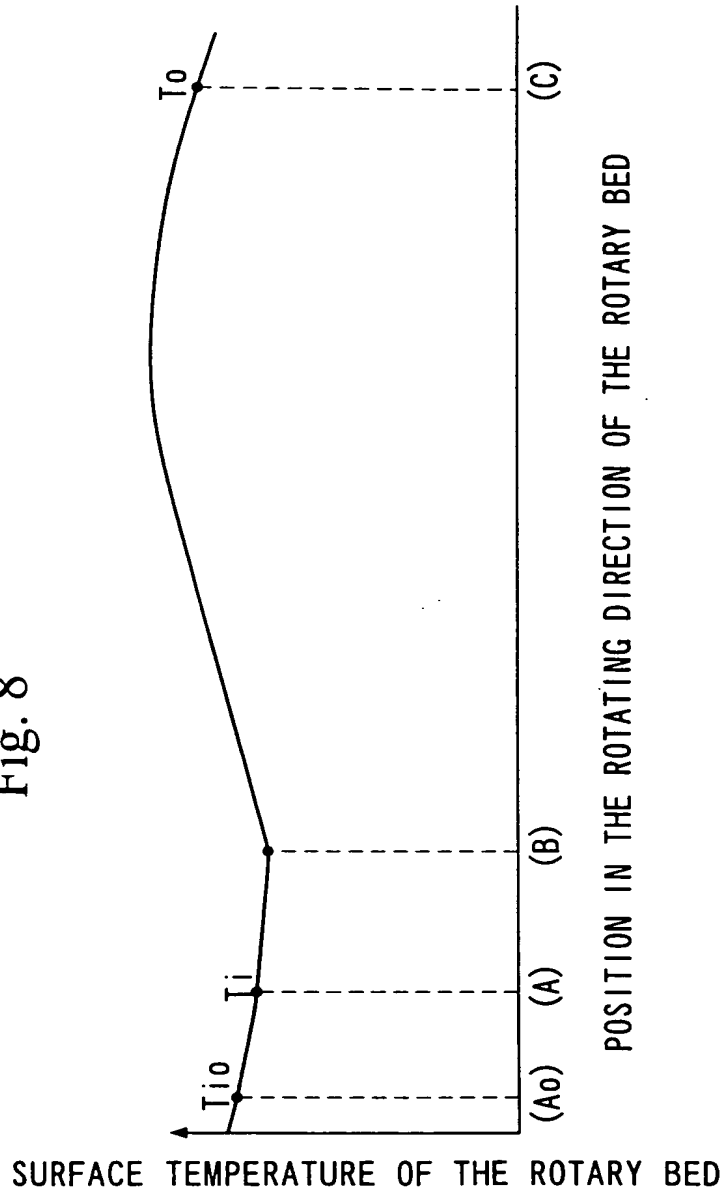
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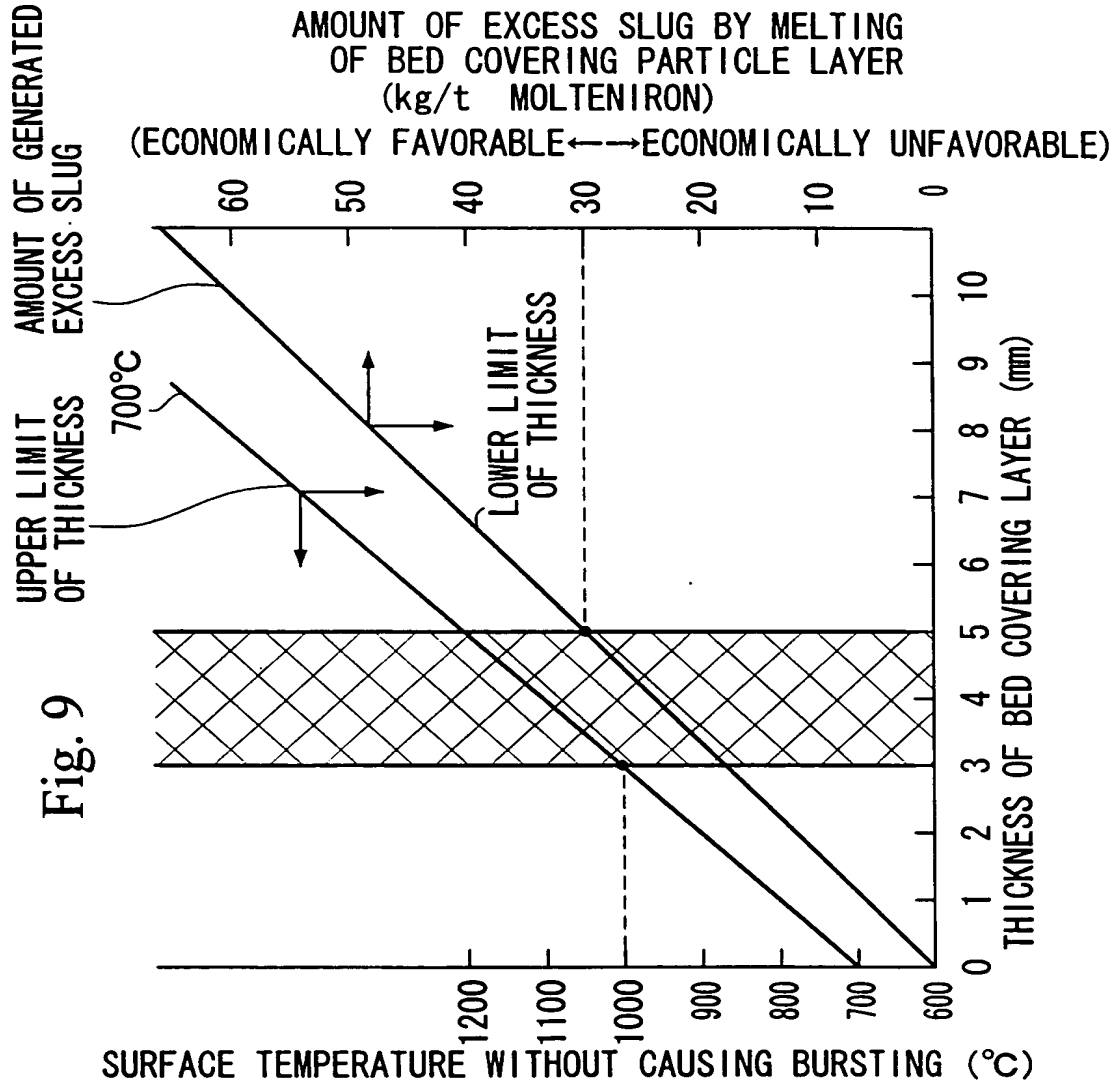
320

A

S

Fig. 8





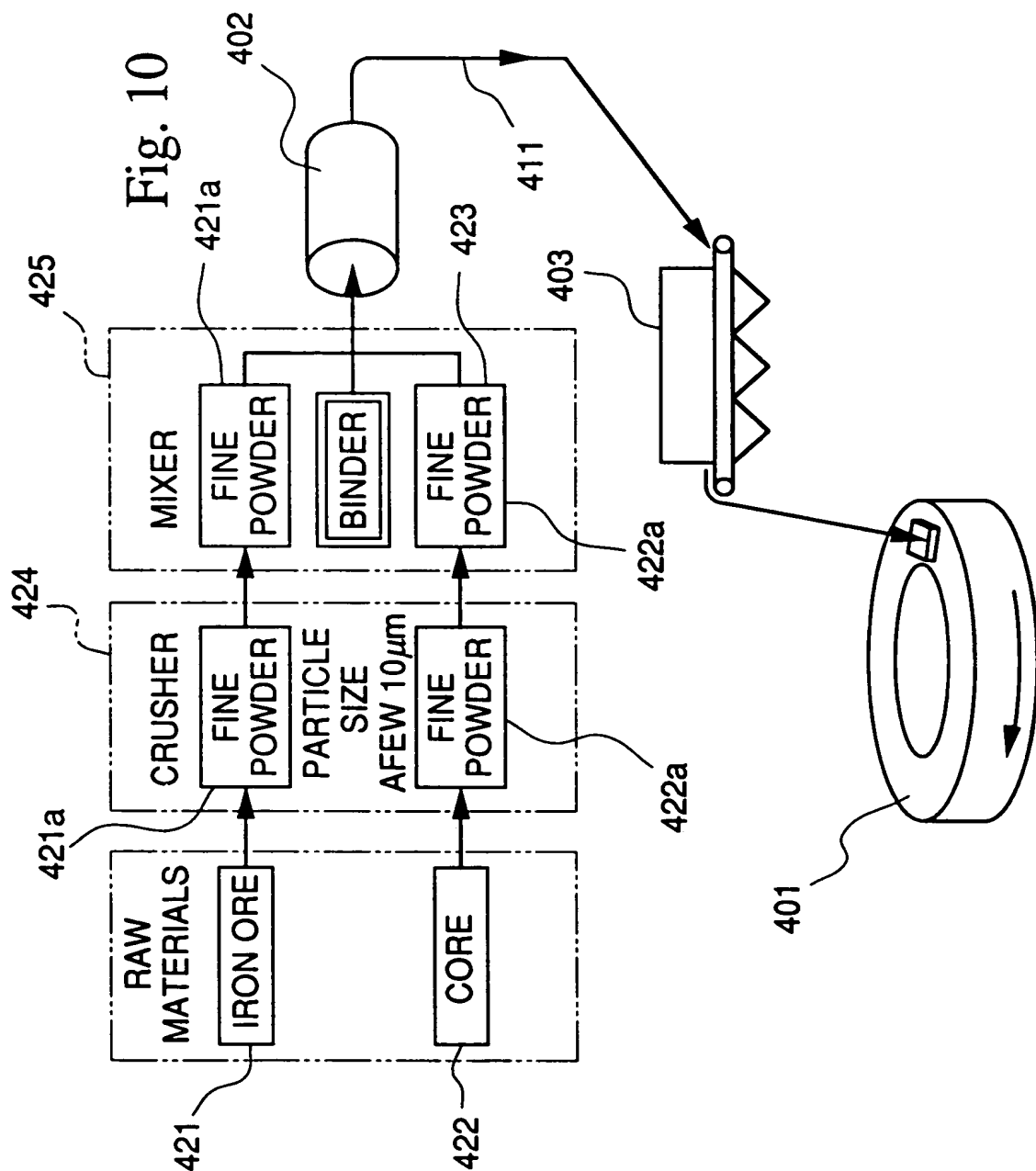


Fig. 11

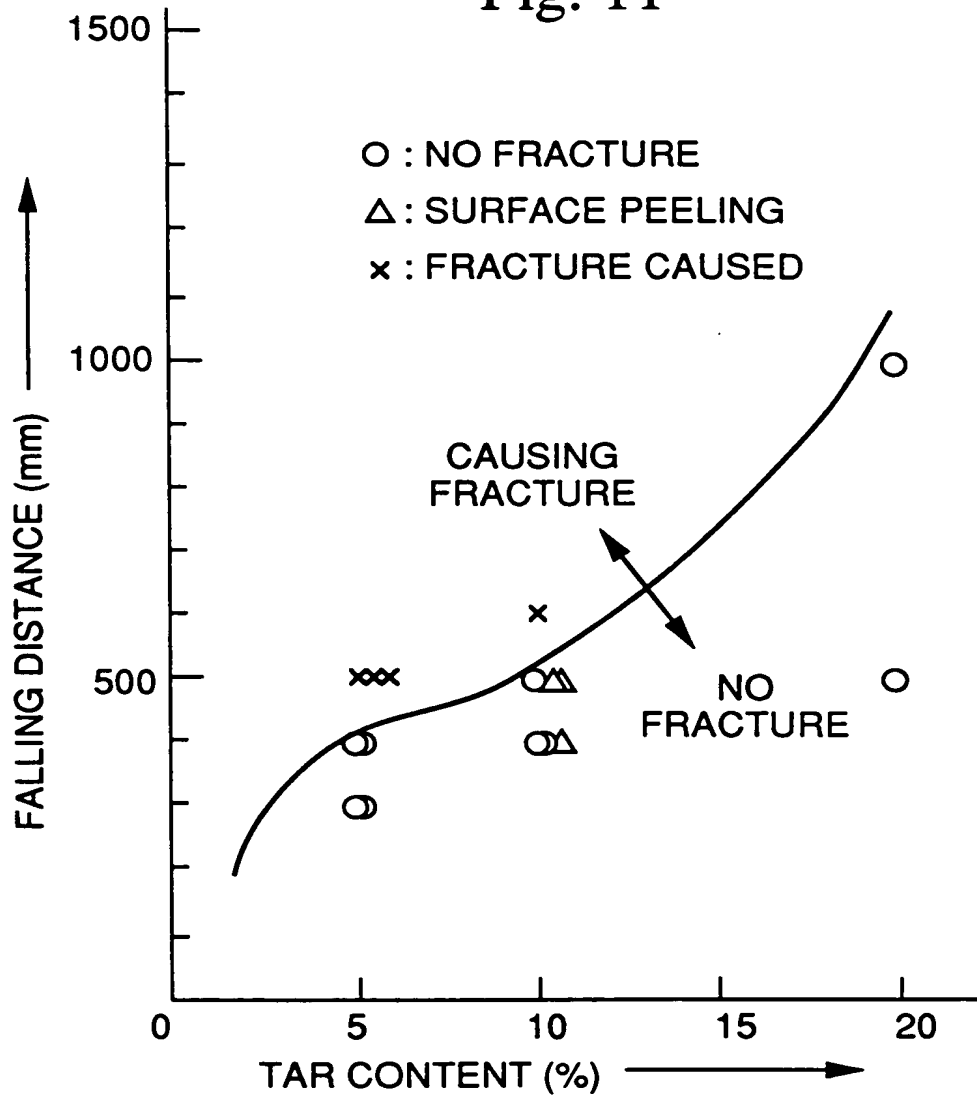


Fig. 12

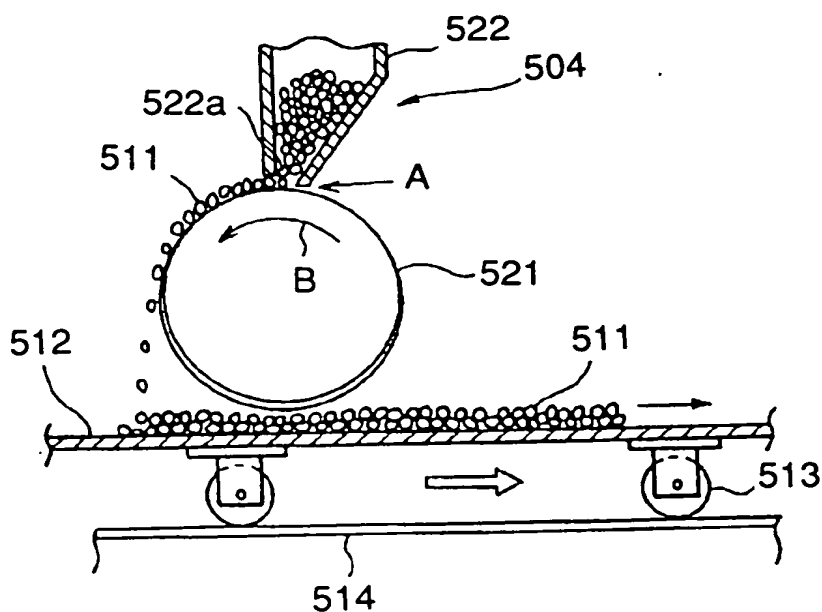
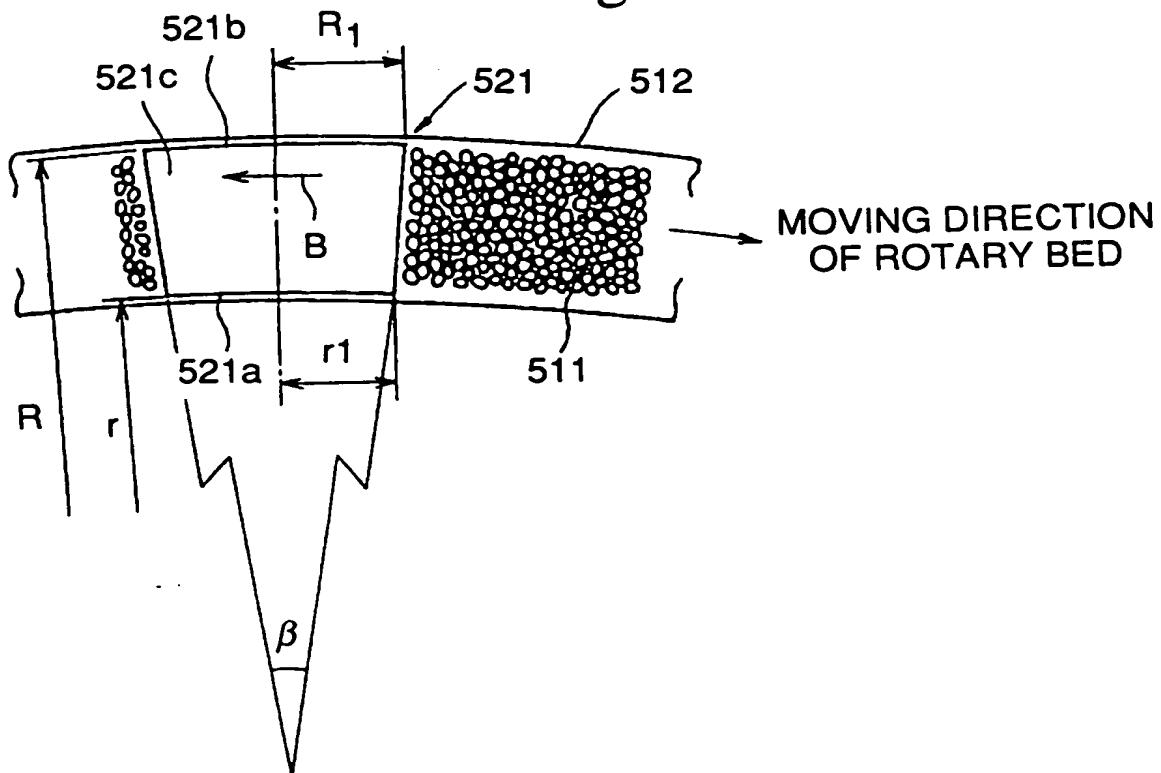


Fig. 13



104050-0324350

Fig. 15

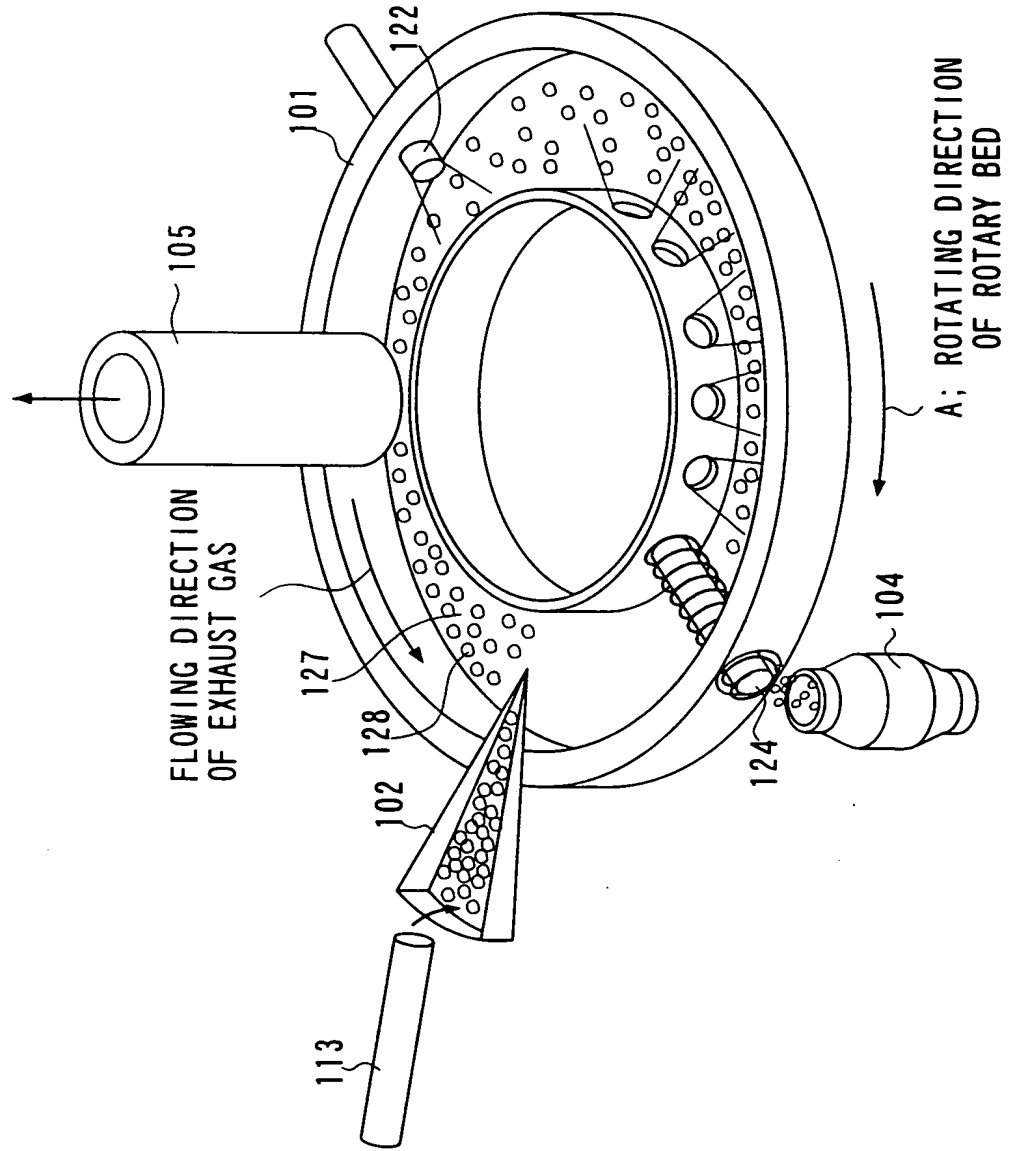


Fig. 16

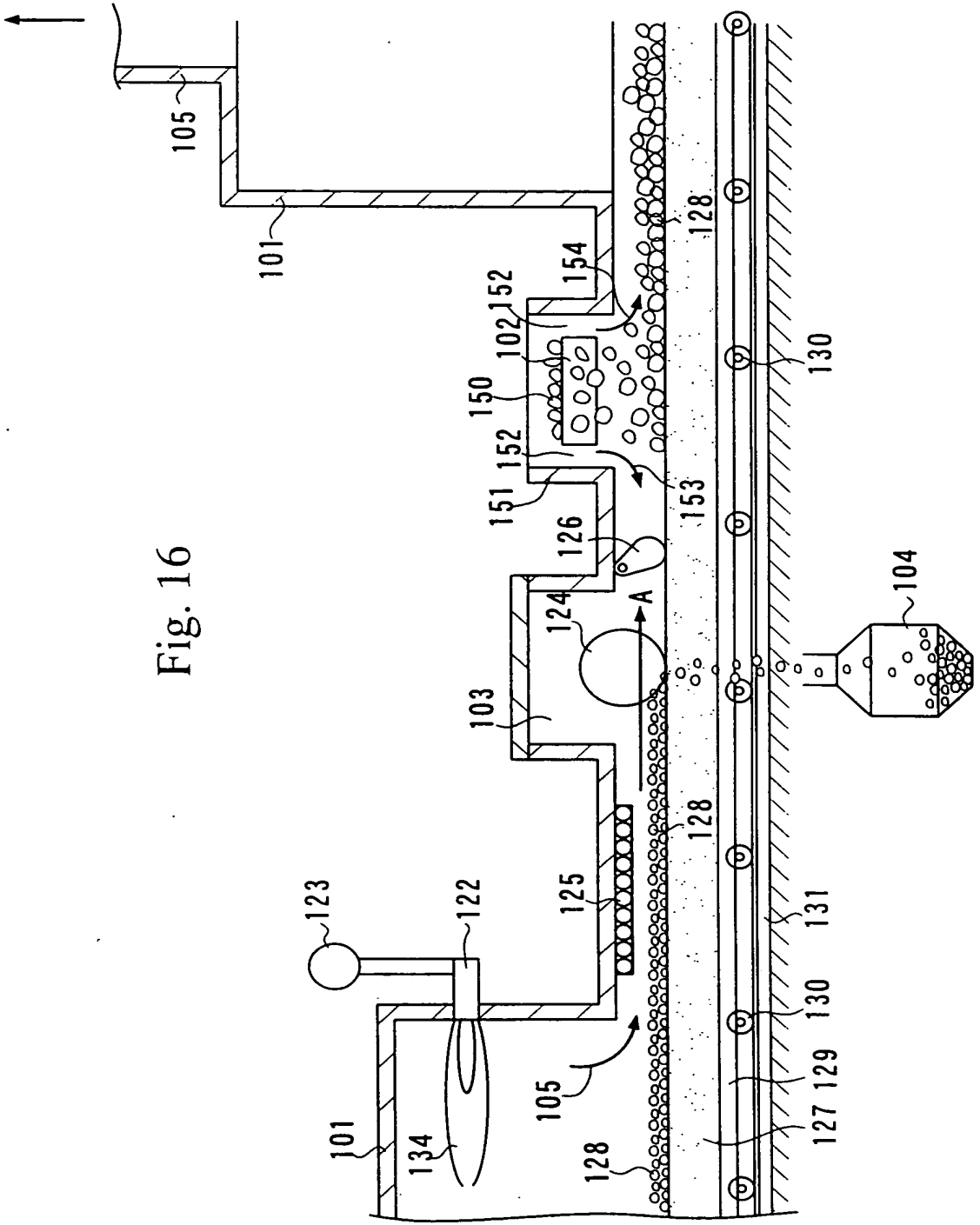


Fig. 17

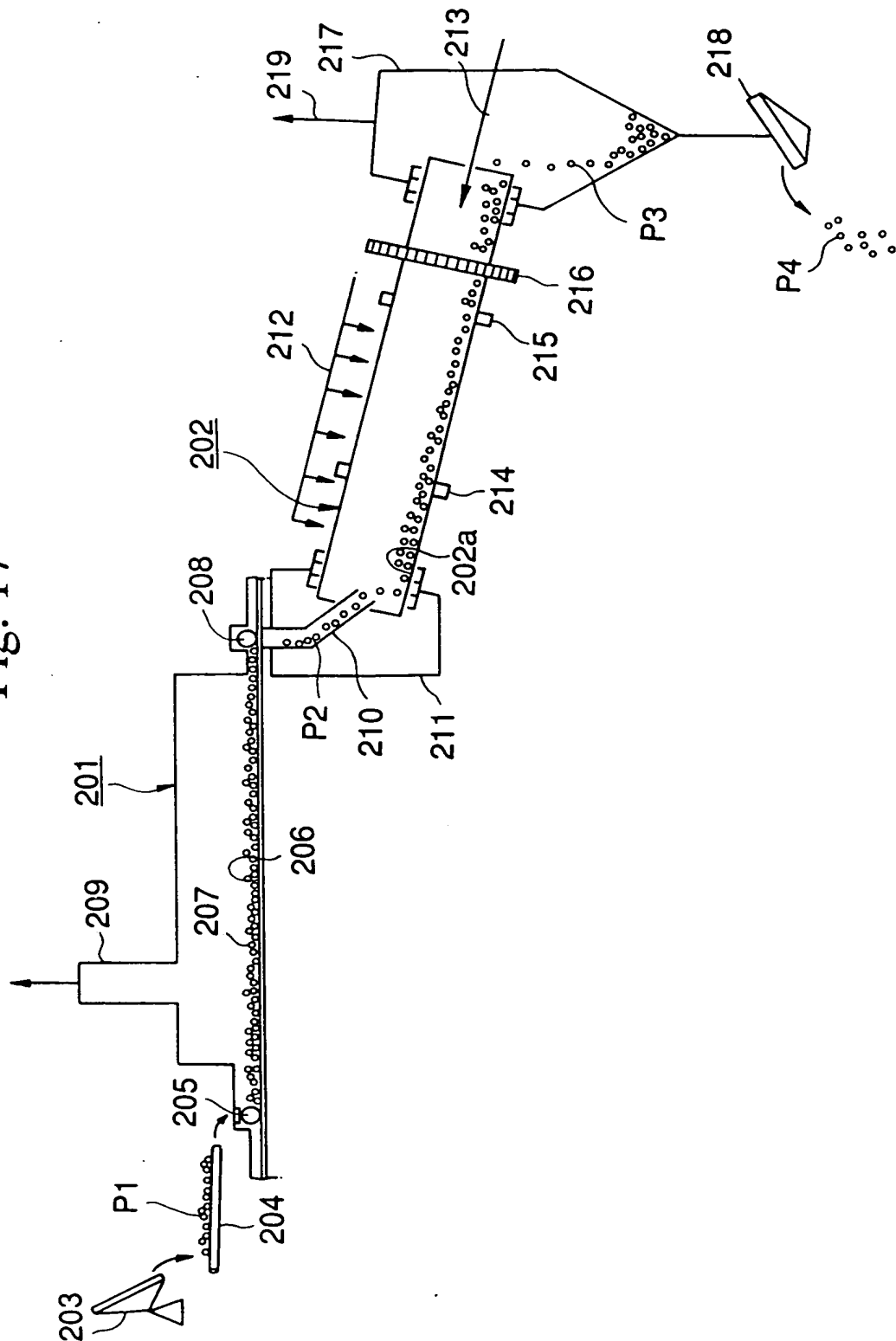


FIG. 18

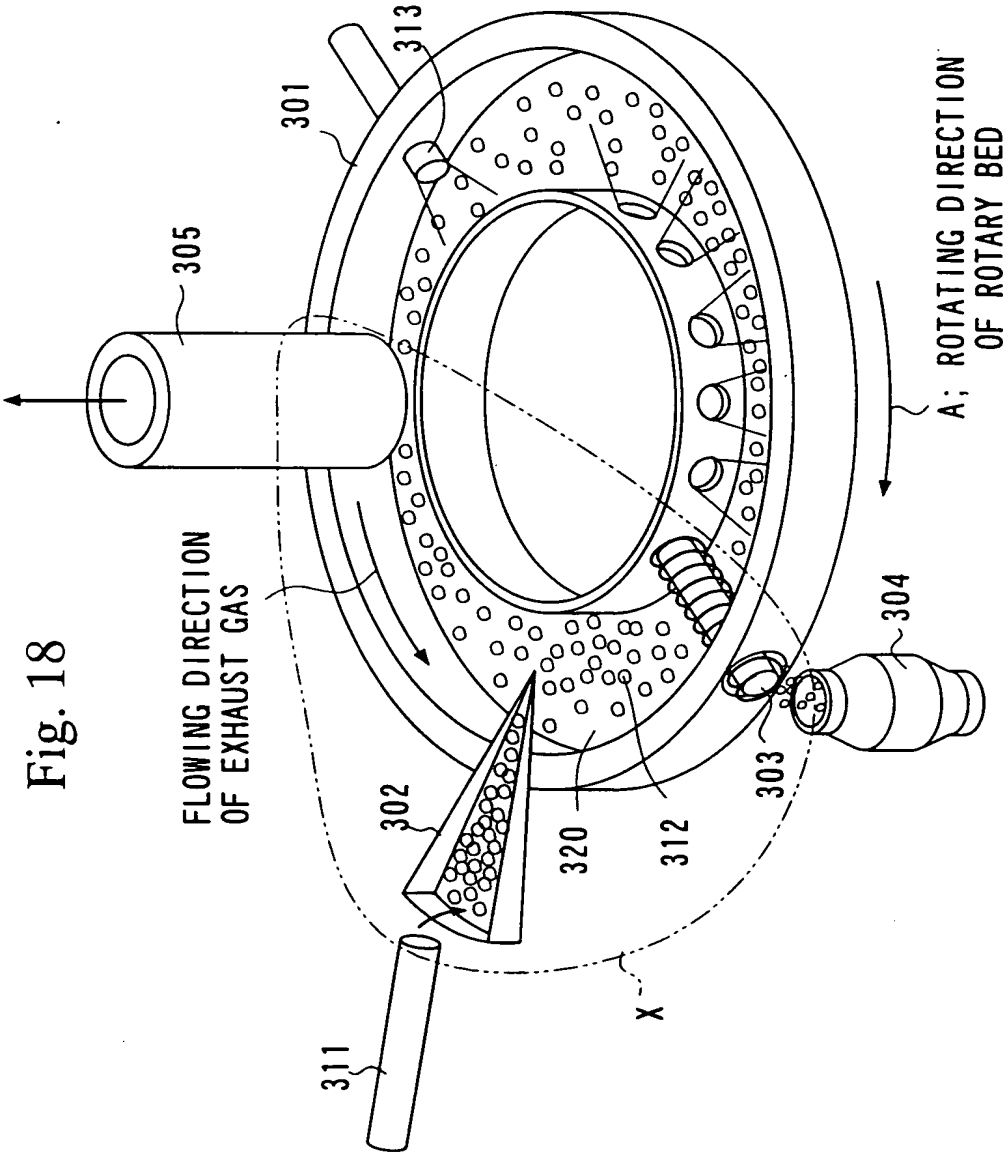
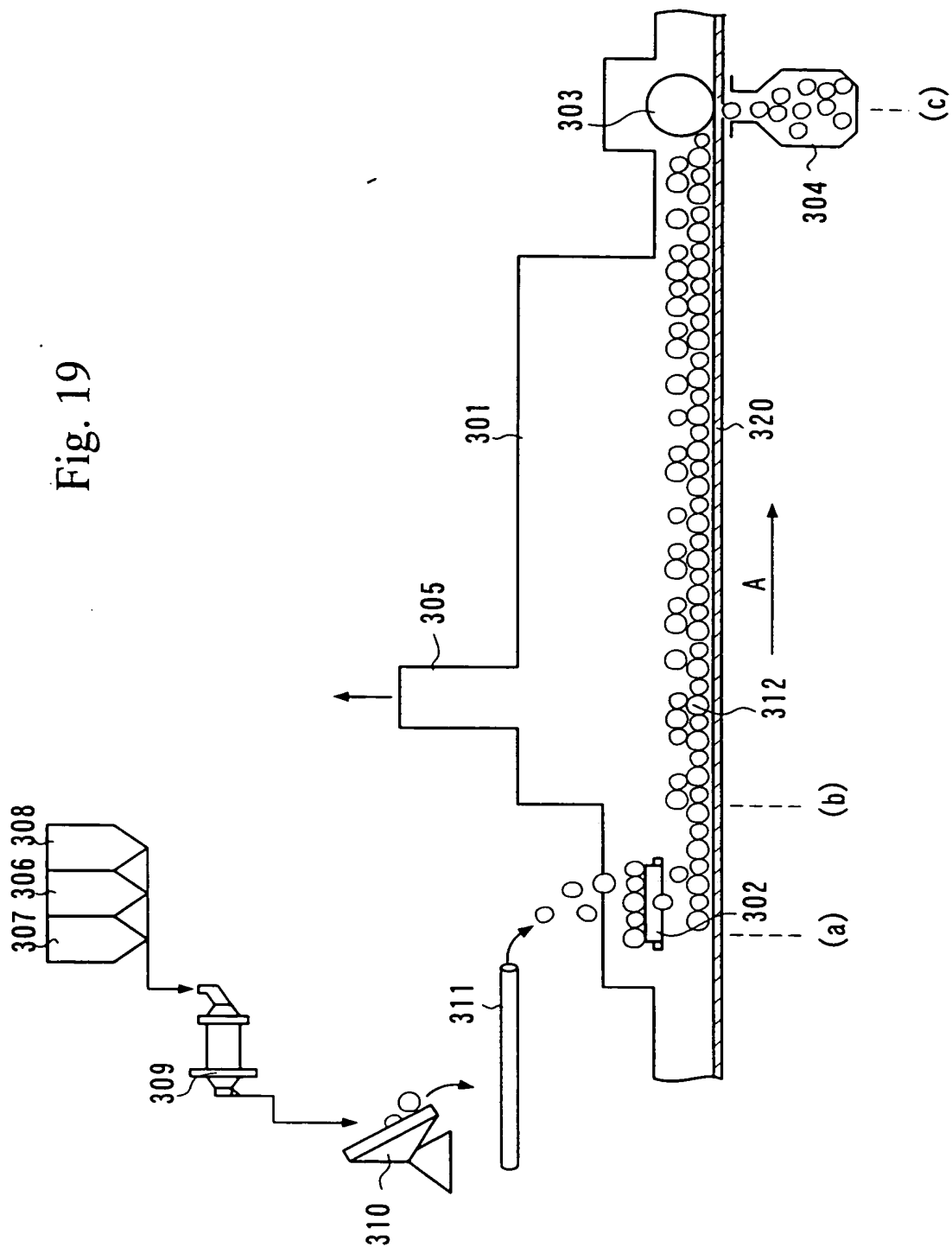


Fig. 19



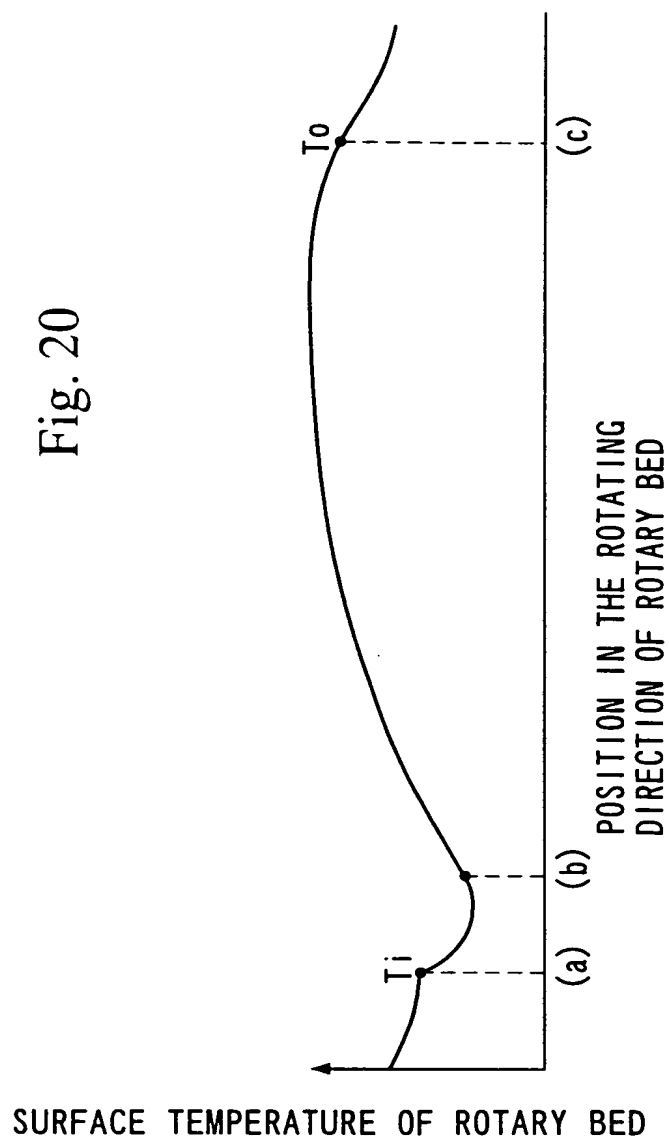


Fig. 21

The diagram illustrates a rotary furnace system. Raw materials (402) are fed into a hopper (403) and then into a rotary furnace (404). The furnace is driven by a motor (405) and has a fuel inlet (407) and a combustion air inlet (409). The furnace is connected to a heat exchanger (410) and a gas outlet (406). The system is labeled with various components: 402 (Raw Materials), 403 (Hopper), 404 (Rotary Furnace), 405 (Motor), 406 (Gas Outlet), 407 (Fuel Inlet), 408 (Furnace Drive Shaft), 409 (Combustion Air Inlet), and 410 (Heat Exchanger).

RAW MATERIALS

Fig. 22

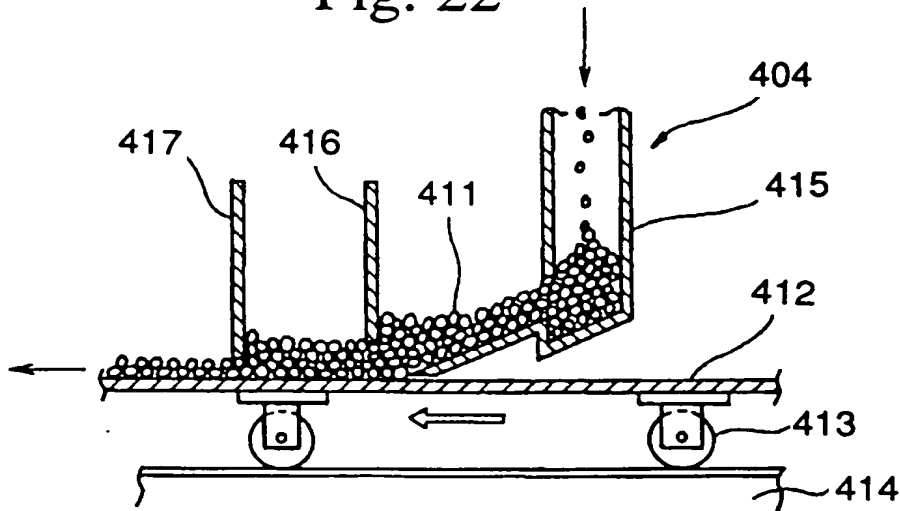
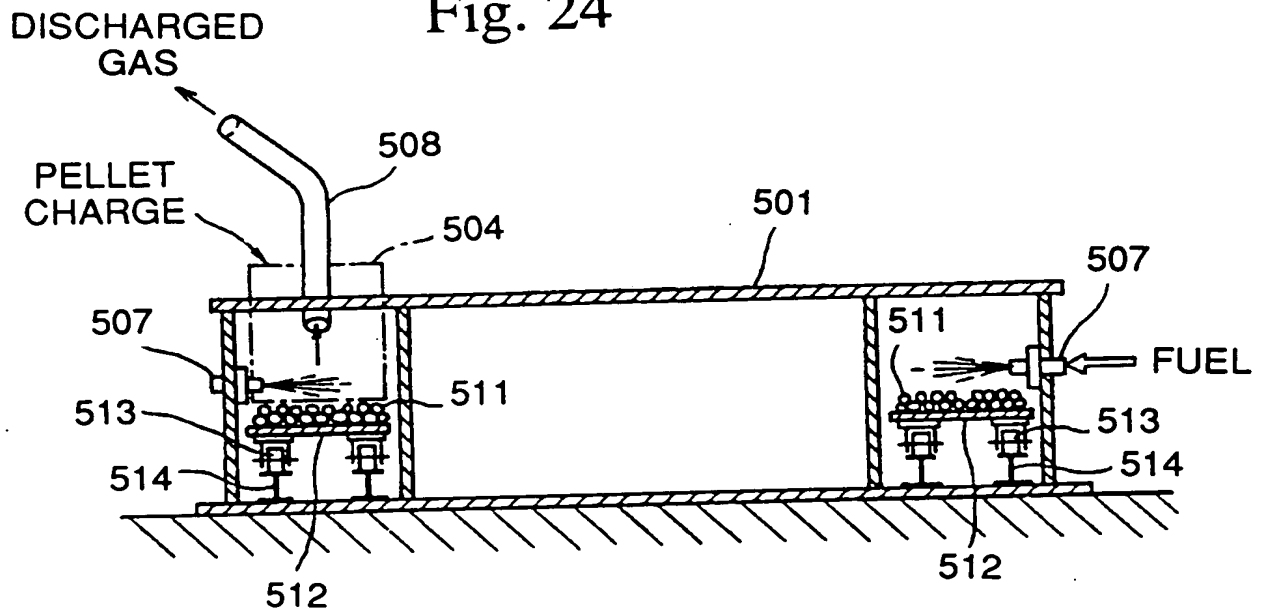


Fig. 24



004820 00284860

Fig. 23

502

503

504

505

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507

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509

COMBUSTION AIR

FUEL

Fig. 25

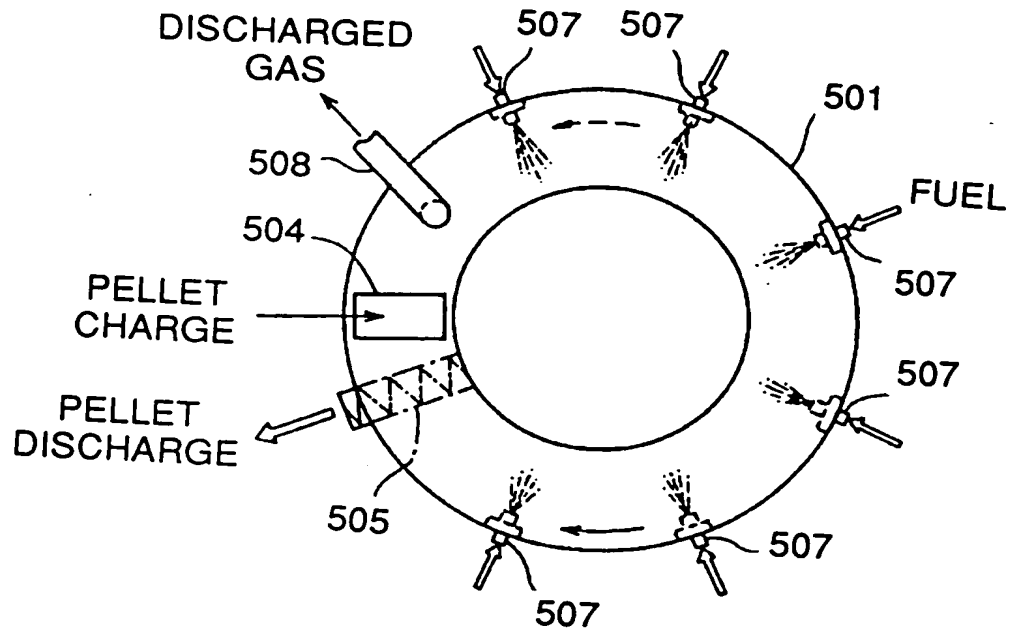


Fig. 26

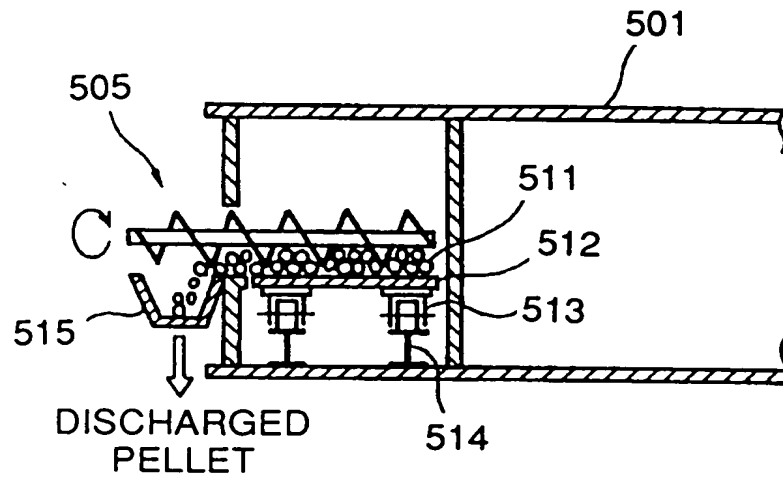


Fig. 27A

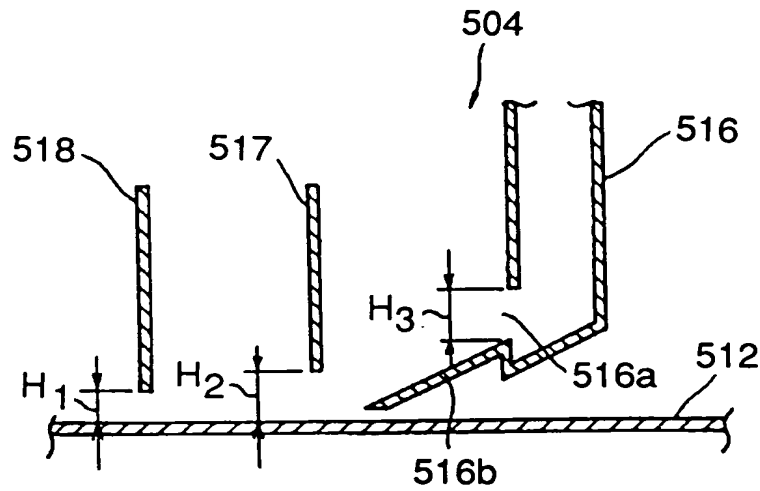


Fig. 27B

